

Reference 3

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Applicant: Canon Inc.

Title of the Invention: Image Processor and Method therefor

(Abstract)

Fig. 1 shows a schematic diagram of a copy system according to the present invention. Frame images of a film 208 read by a film scanner 207 are transmitted to a color copier 201 via an interface cable 209. Reduced-size versions of these images are printed on a recording paper as an index print 203 or an instruction paper 220 (see Fig. 11). Fig. 12 shows an example of frames in the instruction paper 220. Desired images to be printed of the instruction paper 220 are marked and the desired number 231, size 232 and image mode 233 to be printed may be also designated. The marked instruction paper is scanned by the color copier 201. The frame images corresponding to the marked images are read from the film 208 by the film scanner 207, transmitted to the color copier 201 and printed out by the color copier 201. The desired images are printed by the color copier 201 according to the specified number 231, size 232 and image mode 233. The image mode 233 includes watercolor tone, broken color tone, retro tone, emboss, poster tone, black and white, etc.

Fig. 1

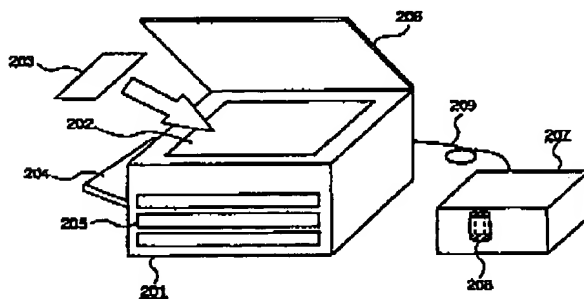


Fig. 11

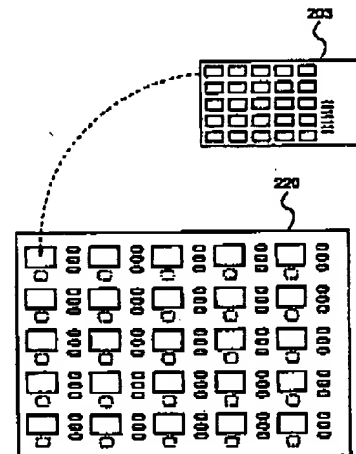
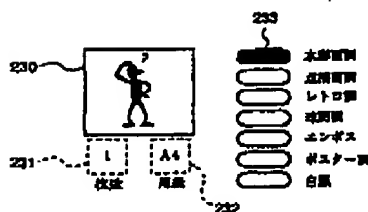


Fig. 12



(19)



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formed on a prescribed recording medium.

(57) Abstract

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PROBLEM TO BE SOLVED: To eliminate the need of switching the carrying direction of a film and to shorten printing time by judging a frame number and making the carrying direction of the film in the read unidirectional.

SOLUTION: The CPU of a control part 26 sets an image processing parameter based on information read by a magnetic information read part 23 to an image processing part; reads the desired frame of the film by a film carrying part 22 and a film read part 21, executes an image processing by the image processing part 24 to image data outputted from the film read part 21 and sends the image data to which the image processing is executed to a color copying machine by a copying machine interface 25. In this case, images are read from a first recording medium where plural frame images are arrayed, the frame images to be processed are judged from the read images, the frame images based on the judged result are read from a second recording medium, a prescribed image processing is executed to the read frame images and the processed frame images are

